SEARCH REQUEST FORM **Scientific and Technical Information Center - EIC2800**

Rev. 1/26/2006 This is an experimental format -- Please give suggestions or comments to Jeff Harrison, JEF-4B68, 22511.

Date 2/8/06 Serial # 10/797,867 Priority Application Date 12/25/08

Your Name M. Lewis Examiner # 73172

AU 2899 Phone 272-1838 Room JA30

In what format would you like your results? Paper is the default. PAPER DISK EMAIL

If submitting more than one search request form, please prioritize the searches in order of need.

Need before 2/14

Where have you searched so far on this case?

Circle: USPT DWPI EPO Abs JPO Abs IBM TDB

Other:

What relevant art have you found so far? Please attach citations or Information Disclosure Statements.

What types of references would you like? Please checkmark:

Primary Refs ✓ Nonpatent Literature ____ Teaching Refs ____

Secondary Refs ✓ Foreign Patents ____ Other ____

Is this a "Fast & Focused Search" request? (Circle One) YES NO

A "Fast & Focused Search" is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2800 and on the STIC NPL Web Page at http://uspto-a-pattr-2/siraapps/stic/npl/nplsearch.htm

What is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

Claims 19, 13 & 22

Plasma Display Panel

Reduce aligned error

Problem: See pages 1-3

Solution: " " 3 & 4

Staff Use Only

Searcher: Michael C Hiner

Searcher Phone: 571-272-2683

Searcher Location: STIC-EIC2800, JEF-4B68

Date Searcher Picked Up: 2/15/06

Date Completed: 2/16/06

Searcher Prep/Rev Time: 176

Online Time: 125

Type of Search

Structure (#)____

Bibliographic ✓

Litigation____

Fulltext____

Patent Family____

Other____

Vendors

STN ✓

Dialog ✓

Questel/Orbit____

Lexis-Nexis____

WWW/Internet ✓

Other____

2/16/2006 10:20:19 AM
2/16/2006 11:21:09 AM

[File 2] INSPEC 1898-2006/Jan W2
[File 6] NTIS 1964-2006/Jan W4
[File 8] Ei Compendex(R) 1970-2006/Jan W4
[File 34] SciSearch(R) Cited Ref Sci 1990-2006/Jan W4
[File 434] SciSearch(R) Cited Ref Sci 1974-1989/Dec
[File 35] Dissertation Abs Online 1861-2006/Jan
[File 65] Inside Conferences 1993-2006/Jan W5
[File 94] JICST-EPlus 1985-2006/Nov W3
[File 144] Pascal 1973-2006/Jan W2
[File 23] CSA Technology Research Database 1963-2006/Jan
[File 103] Energy SciTec 1974-2006/Jan B1
[File 31] World Surface Coatings Abs 1976-2006/Jan
[File 95] TEME-Technology & Management 1989-2006/Jan W5
[File 68] Solid State & Superconductivity Abstracts 1966-2006/Jan
[File 60] ANTE: Abstracts in New Tech & Engineer 1966-2006/Jan
[File 293] Engineered Materials Abstracts 1966-2006/Jan
[File 239] Mathsci 1940-2005/Feb
[File 256] TECINFOSOURCE 82-2005/DEC

Set Items Description
S1 88561 S PDP? ? OR PLASMA()DISPLAY????()(PANEL???? OR SCREEN??? OR MATRIX) OR PLASMA(3N)(PANEL???? OR DISPLAY???? OR SCREEN???? OR MATRIX) OR DISPLAY????(3N)(PANEL???? OR SCREEN????? OR MATRIX)

S2 267788 S (FRONT???? OR BEGIN???????? OR ANTERIOR??? OR FIRST???? OR LEAD????? OR OBVERS????? OR TOPMOST????? OR TOP()MOST OR TOP? ? OR EXTERIOR?????)(3N)(SUBSTRAT???? OR SURFAC???? OR MATERIAL??? OR SUBSTANC???? OR SUPPORT??????)

S3 193471 S (REAR??????? OR END? ? OR ENDING OR ENDPART????? OR END()PART?????? OR BACK?????? OR BEHIND??? OR BOTTOM OR POSTERIOR???? OR REAR()END??? OR TAIL?????? OR TAIL()END??? OR POSTERN???? OR REVERS?????)(3N)(SUBSTRAT???? OR SURFAC???? OR MATERIAL??? OR SUBSTANC???? OR SUPPORT??????)

S4 10099414 S (ALIGN??????? OR ARRAY???? OR DISTRIBUT????? OR FORM????? OR GROUP???? OR LINEUP OR (LINE? ? OR LINING)()UP OR ARRANG????? OR ORDER?????? OR PATTERN???? OR SEQUENCE???? OR SERIES OR SETUP? ? OR SET????()UP OR ORGANI????????? OR ASSEMB?????? OR CONFIGUR??????? OR CONFORM?????? OR COORDINAT??? OR CO()ORDINAT????? OR DESIGN???? OR FORMAT?????)(3N)(MARK???? OR CHEVRON???? OR PATTERN????? OR DESIGN???? OR LOGO? ? OR SYMBOL???? OR EMBLEM????? OR STAMP???? OR SCOR???? OR LINE? ? OR STRIP????? OR INSIGN???? OR INDIC?????)

S5 4412429 S (FIRST??? OR ONE OR SECOND??????? OR TWO? ? OR OTHER OR ANOTHER OR BOTH OR PAIR???? OR TWIN? ? OR DOUBLE???? OR EACH OR COUPLE?? OR DUAL???)(3N)(ALIGN??????? OR ARRAY???? OR DISTRIBUT????? OR FORM????? OR GROUP???? OR LINEUP OR (LINE? ? OR LINING)()UP OR ARRANG????? OR ORDER?????? OR PATTERN???? OR SEQUENCE???? OR SERIES OR SETUP? ? OR SET????()UP OR ORGANI????????? OR ASSEMB?????? OR CONFIGUR??????? OR CONFORM?????? OR COORDINAT??? OR CO()ORDINAT????? OR DESIGN???? OR FORMAT?????)

S6 468557 S HEX?????? OR HONEYCOMB??? OR HONEY()COMB??? OR HEXA???????()HONEYCOMB??? OR HEX??????()HONEY()COMB??? OR RHOMB????

S7 14786150 S (RIB OR RIBBED)(3N)(BARRIER? ? OR BARRICADE? ? OR BAR? ? OR BOUND???????? OR FENC???? OR WALL OR TRENCH??? OR ENCLOS???? OR RESTRAIN????? OR BLOCK????? OR BORDER???? OR FRING????? OR CIRCUMFERENCE OR EDGE? ? OR END? ? OR ENDING OR FRAM????? OR LINE? ? OR OUTLIN???? OR OUT()LINE? ? OR STOP???? OR RIM? ? OR SIDE? ?) OR BARRIER? ? OR BARRICADE? ? OR BAR? ? OR BOUND???????? OR FENC???? OR WALL OR TRENCH??? OR ENCLOS???? OR RESTRAIN????? OR BLOCK????? OR BORDER???? OR FRING????? OR CIRCUMFERENCE OR EDGE? ? OR END? ? OR ENDING OR FRAM????? OR LINE? ? OR OUTLIN???? OR OUT()LINE? ? OR STOP???? OR RIM? ? OR SIDE?

S8 3407525 S (PARALLEL??? OR LATERAL????)(3N)SEGMENT????? OR PARALLEL(3N)LINE? ? OR LINE? ?

S9 13590196 S (BUS OR PATHWAY? ? OR PATH()WAY? ? OR CHANNEL???)(3N)(ELECTROD??? OR PROB???? OR CONDUCT???? OR ANOD???? OR CATHOD???) OR ELECTROD??? OR PROB???? OR CONDUCT???? OR ANOD???? OR CATHOD??? OR BUS OR PATHWAY? ? OR PATH()WAY? ? OR CHANNEL??? OR BLACK??????(3N)(MATRIX OR ARRAY????)

2/16/2006 10:20:19 AM
2/16/2006 11:21:09 AM

S10	0	S S1 AND S2 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8 AND S9
S11	23	S S1 AND S2 AND S3 AND S4
S12	0	S S11 AND S6
S13	5	S S11 AND S8
S14	3	RD (unique items)
S15	3	S S11 AND S9
S16	2	RD (unique items)
S17	3	S S11 AND S5
S18	2	RD (unique items)
S19	6	S S11 AND S7
S20	4	RD (unique items)
S21	404	S S1 AND S6
S22	106	S S21 AND S7
S23	31	S S22 AND S8
S24	8	S S23 AND S9
S25	7	RD (unique items)
S26	0	S S22 AND ((REDUC???? OR MINIM???????? OR DECREAS??????? OR LOWER?????? OR ELIMINAT?????? OR PREVENT?????)(3N)(ERROR? ? OR GLITCH???? OR ALIGN??????))
S27	25	S S22 AND S4
S28	0	S S27 AND S2 AND S3
S29	20433	S S1 AND S4
S30	109	S S29 AND ((REDUC???? OR MINIM???????? OR DECREAS??????? OR LOWER?????? OR ELIMINAT?????? OR PREVENT?????)(3N)(ERROR? ? OR GLITCH???? OR ALIGN??????))
S31	0	S S30 AND S6
S32	38	S S30 AND S7
S33	16	S S32 AND S8
S34	3	S S33 AND S9
S35	2	RD (unique items)
S36	1	S S16 NOT S14
S37	1	S S18 NOT (S14 OR S16)
S38	1	S S20 NOT (S14 OR S16 OR S18)
S39	7	S S25 NOT (S14 OR S16 OR S18 OR S20)
S40	2	S S35 NOT (S14 OR S16 OR S18 OR S20 OR S25)
S41	14	S S33 NOT (S14 OR S16 OR S18 OR S20 OR S25 OR S35)
S42	12	RD (unique items)
S43	12	S S42 AND PY<=2003

2/16/2006 11:55:08 AM
2/16/2006 12:36:48 PM

[File 344] Chinese Patents Abs Jan 1985-2006/Jan
[File 347] JAPIO Nov 1976-2005/Sep(Updated 060103)
[File 350] Derwent WPIX 1963-2006/UD,UM &UP=200607
[File 371] French Patents 1961-2002/BOPI 200209

Set Items Description

S1 228858 S PDP? ? OR PLASMA()DISPLAY????()(PANEL???? OR SCREEN??? OR MATRIX) OR PLASMA(3N)(PANEL???? OR DISPLAY???? OR SCREEN???? OR MATRIX) OR DISPLAY????(3N)(PANEL???? OR SCREEN????? OR MATRIX)

S2 574863 S (FRONT???? OR BEGIN???????? OR ANTERIOR??? OR FIRST???? OR LEAD????? OR OBVERS????? OR TOPMOST????? OR TOP()MOST OR TOP? ? OR EXTERIOR?????)(3N)(SUBSTRAT???? OR SURFAC???? OR MATERIAL??? OR SUBSTANC???? OR SUPPORT??????)

S3 693712 S (REAR??????? OR END? ? OR ENDING OR ENDPART????? OR END()PART?????? OR BACK?????? OR BEHIND??? OR BOTTOM OR POSTERIOR???? OR REAR()END??? OR TAIL?????? OR TAIL()END??? OR POSTERN???? OR REVERS?????)(3N)(SUBSTRAT???? OR SURFAC???? OR MATERIAL??? OR SUBSTANC???? OR SUPPORT??????)

S4 1771389 S (ALIGN??????? OR ARRAY???? OR DISTRIBUT????? OR FORM????? OR GROUP???? OR LINEUP OR (LINE? ? OR LINING)()UP OR ARRANG????? OR ORDER?????? OR PATTERN???? OR SEQUENCE???? OR SERIES OR SETUP? ? OR SET????()UP OR ORGANI????????? OR ASSEMB?????? OR CONFIGUR??????? OR CONFORM?????? OR COORDINAT??? OR CO()ORDINAT????? OR DESIGN???? OR FORMAT?????)(3N)(MARK???? OR CHEVRON???? OR PATTERN????? OR DESIGN???? OR LOGO? ? OR SYMBOL???? OR EMBLEM????? OR STAMP???? OR SCOR???? OR LINE? ? OR STRIP????? OR INSIGN???? OR INDIC?????)

S5 2145812 S (FIRST??? OR ONE OR SECOND??????? OR TWO? ? OR OTHER OR ANOTHER OR BOTH OR PAIR???? OR TWIN? ? OR DOUBLE???? OR EACH OR COUPLE?? OR DUAL???)(3N)(ALIGN??????? OR ARRAY???? OR DISTRIBUT????? OR FORM????? OR GROUP???? OR LINEUP OR (LINE? ? OR LINING)()UP OR ARRANG????? OR ORDER?????? OR PATTERN???? OR SEQUENCE???? OR SERIES OR SETUP? ? OR SET????()UP OR ORGANI????????? OR ASSEMB?????? OR CONFIGUR??????? OR CONFORM?????? OR COORDINAT??? OR CO()ORDINAT????? OR DESIGN???? OR FORMAT?????)

S6 289799 S HEX?????? OR HONEYCOMB??? OR HONEY()COMB??? OR HEXA???????()HONEYCOMB??? OR HEX??????()HONEY()COMB??? OR RHOMB????

S7 9915365 S (RIB OR RIBBED)(3N)(BARRIER? ? OR BARRICADE? ? OR BAR? ? OR BOUND???????? OR FENC???? OR WALL OR TRENCH??? OR ENCLOS???? OR RESTRAIN????? OR BLOCK????? OR BORDER???? OR FRING????? OR CIRCUMFERENCE OR EDGE? ? OR END? ? OR ENDING OR FRAM????? OR LINE? ? OR OUTLIN???? OR OUT()LINE? ? OR STOP???? OR RIM? ? OR SIDE? ?) OR BARRIER? ? OR BARRICADE? ? OR BAR? ? OR BOUND???????? OR FENC???? OR WALL OR TRENCH??? OR ENCLOS???? OR RESTRAIN????? OR BLOCK????? OR BORDER???? OR FRING????? OR CIRCUMFERENCE OR EDGE? ? OR END? ? OR ENDING OR FRAM????? OR LINE? ? OR OUTLIN???? OR OUT()LINE? ? OR STOP???? OR RIM? ? OR SIDE? ?

S8 1606756 S (PARALLEL??? OR LATERAL????)(3N)SEGMENT????? OR PARALLEL(3N)LINE? ? OR LINE? ?

S9 5745527 S (BUS OR PATHWAY? ? OR PATH()WAY? ? OR CHANNEL???)(3N)(ELECTROD??? OR PROB???? OR CONDUCT???? OR ANOD???? OR CATHOD???) OR ELECTROD??? OR PROB???? OR CONDUCT???? OR ANOD???? OR CATHOD??? OR BUS OR PATHWAY? ? OR PATH()WAY? ? OR CHANNEL??? OR BLACK??????(3N)(MATRIX OR ARRAY????)

S10 7582 S IC=(H01J-017/00 OR H01J-017/49)
S11 5728 S MC=(V05-A01A3 OR V05-A01D1 OR V05-A01D3)
S12 1 S S1 AND S2 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8 AND S9
S13 174 S S1 AND S4 AND S6 AND S7

S14 2 S S13 AND ((REDUC???? OR MINIM???????? OR DECREAS??????? OR LOWER?????? OR ELIMINAT?????? OR PREVENT?????)(3N)(ERROR? ? OR GLITCH???? OR ALIGN??????))

S15 70 S S1 AND S6 AND S7 AND S8 AND S9

S16 0 S S15 AND ((REDUC???? OR MINIM???????? OR DECREAS??????? OR LOWER?????? OR ELIMINAT?????? OR PREVENT?????)(3N)(ERROR? ? OR GLITCH???? OR ALIGN??????))

2/16/2006 11:55:08 AM
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S17          7   S S15 AND S10
S18          5   S S15 AND S11
S19          6   S S1 AND S2 AND S3 AND S5 AND S6
S20          3   S S19 AND PY<=2003
S21          2   S S1 AND S2 AND S3 AND S4 AND S6 AND S7 AND S8
S22      13429   S S1 AND S8 AND S9

S23         66   S S22 AND ((REDUC???? OR MINIM???????? OR DECREAS??????? OR LOWER?????? OR
ELIMINAT?????? OR PREVENT?????)(3N)(ERROR? ? OR GLITCH???? OR ALIGN??????))

S24          3   S S23 AND S10
S25          3   S S23 AND S11
S26         65   S S23 AND S7
S27          1   S S26 AND ((IMPROV????? OR INCREAS???? OR MAXIMI??????)(3N)ALIGN???????)
S28          2   S S14 NOT S12
S29          7   S S17 NOT (S12 OR S14)
S30          4   S S18 NOT (S12 OR S14 OR S17)
S31          2   S S20 NOT (S12 OR S14 OR S17 OR S18)
S32          0   S S21 NOT (S12 OR S14 OR S17 OR S18 OR S20)
S33          3   S S24 NOT (S12 OR S14 OR S17 OR S18 OR S20 OR S21)
S34          1   S S25 NOT (S12 OR S14 OR S17 OR S18 OR S20 OR S21 OR S24)
S35          1   S S27 NOT (S12 OR S14 OR S17 OR S18 OR S20 OR S21 OR S24 OR S25)
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(FILE 'HOME' ENTERED AT 13:30:27 ON 16 FEB 2006)

FILE 'CAPLUS' ENTERED AT 13:30:37 ON 16 FEB 2006

FILE 'STNGUIDE' ENTERED AT 13:32:15 ON 16 FEB 2006

FILE 'CAPLUS' ENTERED AT 13:33:02 ON 16 FEB 2006

FILE 'CAPLUS' ENTERED AT 13:33:16 ON 16 FEB 2006

L1 15352 SEA ABB=ON PLU=ON PDP OR PLASMA DISPLAY###### PANEL##### OR PLASMA DISPLAY##### DEVICE OR PLASMA(3A)PANEL OR DISPLAY##### PANEL#####

L2 17152 SEA ABB=ON PLU=ON (REDUC###### OR MINIMI###### OR DECREAS#### ## OR ELIMINAT##### OR LOWER##### OR PREVENT#####)(3A)(ALIGN### ##### OR ERROR OR GLITCH####)

L3 52252 SEA ABB=ON PLU=ON (INCREAS##### OR HIGH##### OR MAXIMI#####)(3A)(ACCURA###### OR CORRECT######)

L4 2876176 SEA ABB=ON PLU=ON PATTERN##### OR DESIGN##### OR LOGO### OR MARK##### OR CHEVRON### OR ICON#### OR LINE OR INSIGNIA OR SYMBOL########## OR EMBLEM#######

L5 0 SEA ABB=ON PLU=ON L1 AND L2 AND L3 AND L4

L6 24 SEA ABB=ON PLU=ON L1 AND L4 AND L2

L7 50 SEA ABB=ON PLU=ON L1 AND L2

L8 162 SEA ABB=ON PLU=ON L1 AND L3

L9 0 SEA ABB=ON PLU=ON L1 AND L2 AND L3

L10 0 SEA ABB=ON PLU=ON L6 AND (HEX###### OR HONEYCOMB OR HONEY COMB OR HEX##### HONEY COMB)

L11 0 SEA ABB=ON PLU=ON L7 AND (HEX###### OR HONEYCOMB OR HONEY COMB OR HEX##### HONEY COMB)

L12 37 SEA ABB=ON PLU=ON L1 AND (HEXA#### OR HONEYCOMB OR HONEY COMB)

L13 18 SEA ABB=ON PLU=ON L6 AND PY<=2003

L14 19 SEA ABB=ON PLU=ON L12 AND PY<=2003

L15 19 SEA ABB=ON PLU=ON L14 NOT L13

L16 0 SEA ABB=ON PLU=ON L15 AND L3

L17 0 SEA ABB=ON PLU=ON L15 AND L2

L18 0 SEA ABB=ON PLU=ON L13 AND (BARRICADE OR BARRIER OR WALL OR BAR)

L19 2 SEA ABB=ON PLU=ON L13 AND PARALLEL
D L19 1-2 IBIB ABS

L20 16 SEA ABB=ON PLU=ON L13 NOT L19
D L20 1-16 IBIB ABS

FILE 'STNGUIDE' ENTERED AT 13:57:29 ON 16 FEB 2006